

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

22278 U.S. PTO
10/687172
101603

Docket No. : 51397/LTR/B600
Inventor(s) : Thuji S. Lin, Tian-Min Liu, Stephen E. Krafft
Title : PHASE DETECTORS IN CARRIER RECOVERY FOR OFFSET
QAM AND VSB
Express Mail Label No. : EV351236560US\

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 16, 2003

1. ☒ **FEE TRANSMITTAL FORM** (*Submit an original, and a duplicate for fee processing*).

2. **IF A CONTINUING APPLICATION**

☒ This application is a continuation of patent application No. 10/288,833.

Prior application information: Examiner Young Toi Tse; Group Art Unit: 2634.

☐ This application claims the benefit of Provisional Application No. pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4).

3. **APPLICATION COMPRISED OF**

Specification

☒ 54 Specification, claims and Abstract (total pages)

Drawings

☒ 16 Sheets of formal drawing(s) (FIGS. 1 to 25)

Declaration and Power of Attorney

☐ Newly executed

☐ Unexecuted declaration

☒ Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

4. ☐ **Microfiche Computer Program** (*Appendix*)

5. ☐ **Nucleotide and/or Amino Acid Sequence Submission** (*if applicable, all necessary*)

☐ Computer Readable Copy

☐ Paper Copy (identical to computer copy)

☐ Statement verifying identity of above copies

6. **APPLICANT(S) STATUS UNDER 37 CFR §1.27**

☐ Applicant(s) and any others associated with it/them under §1.27(a) are a SMALL ENTITY



23363

PATENT TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL
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7. ALSO ENCLOSED ARE

- ☐ Request and Certificate under 35 U.S.C. §122(b)(2)(B)(i) **Request for Non-Publication**
- ☐ Preliminary Amendment
- ☐ Includes "Cross-Reference to Related Applications"
- ☐ A Petition for Extension of Time for the parent application and the required fee are enclosed
- ☐ An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed
- ☒ This application is owned by Broadcom Corporation pursuant to an Assignment recorded at Reel 010460, Frame 0903
- ☒ Information Disclosure Statement (IDS)/PTO/SB/08A/B
- ☐ Copies of IDS Citations
- ☐ Certified copy of Priority Document(s) (*if foreign priority is claimed*)
- ☐ English Translation Document (*if applicable*)
- ☒ Return Receipt Postcard (MPEP 503) (should be specifically itemized).
- ☒ Other: Information Disclosure Statement for a Continuing Non-CPA Application; Form PTO/SB/08A/B

8. CORRESPONDENCE ADDRESS

CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068
Customer Number: 23363

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

LeRoy T. Rahn
Reg. No. 20,356
626/795-9900

**FEE TRANSMITTAL
UTILITY PATENT APPLICATION**

DATE: October 16, 2003

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Title : PHASE DETECTORS IN CARRIER RECOVERY FOR OFFSET QAM AND
VSB Duplicate ____

FEE DETERMINATION

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	FEE
TOTAL CLAIMS	5 - 20	= 0	0 x \$9.00	0 x \$18.00	0
INDEPENDENT CLAIMS	1 - 3	= 0	0 x \$43.00	0 x \$86.00	0
MULTIPLE-DEPENDENT CLAIMS FEE			\$145.00	\$290.00	0
BASIC FEE			\$385.00	\$770.00	770
TOTAL FILING FEE					\$770
List Independent Claims: 1					

METHOD OF PAYMENT

 X Payment Enclosed: Check for \$770.

 X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A duplicate copy of this sheet is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By *LR*

LeRoy T. Rahn
Reg. No. 20,356
626/795-9900

LTR/amb